

Franklin County, Missouri: Detailed Soil Map Legend

Wildlife Habitat

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 1.00. The larger the value, the greater the potential limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Upland mixed deciduous-conifer trees		Riparian herbaceous plants		Riparian shrubs, vines, and trees		Freshwater wetland plants		Irrigated freshwater wetland plants	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1B2: Union-----	Moderately limited ~wetness (moderately limited)	0.51	Limited ~infrequent flooding (limited) ~deep to water (moderately limited)	0.80 0.53	Not limited		Moderately limited ~deep to water (moderately limited)	0.53	Moderately limited ~slope (moderately limited)	0.31
1C2: Union-----	Moderately limited ~wetness (moderately limited)	0.51	Limited ~infrequent flooding (limited) ~deep to water (moderately limited)	0.80 0.53	Not limited		Moderately limited ~deep to water (moderately limited)	0.53	Very limited ~slope (very limited)	1.00
1D2: Union-----	Moderately limited ~wetness (moderately limited)	0.51	Limited ~infrequent flooding (limited) ~deep to water (moderately limited)	0.80 0.53	Not limited		Moderately limited ~deep to water (moderately limited)	0.53	Very limited ~slope (very limited)	1.00
2D: Goss-----	Moderately limited ~droughty (moderately limited)	0.37	Limited ~infrequent flooding (limited)	0.80	Moderately limited ~droughty (moderately limited)	0.37	Not limited		Very limited ~slope (very limited) ~seepage (moderately limited)	1.00 0.45
2F: Goss-----	Moderately limited ~droughty (moderately limited)	0.39	Limited ~infrequent flooding (limited)	0.80	Moderately limited ~droughty (moderately limited)	0.39	Not limited		Very limited ~slope (very limited) ~seepage (moderately limited)	1.00 0.45

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
3: Twomile-----	Limited ~wetness (limited)	0.99	Limited ~infrequent flooding (limited) ~deep to water (slightly limited)	0.80 0.30	Not limited		Slightly limited ~deep to water (slightly limited)	0.30	Not limited	
5B: Hartville-----	Moderately limited ~wetness (moderately limited)	0.51	Limited ~infrequent flooding (limited) ~deep to water (moderately limited)	0.80 0.53	Not limited		Moderately limited ~deep to water (moderately limited)	0.53	Moderately limited ~slope (moderately limited)	0.31
5C: Hartville-----	Moderately limited ~wetness (moderately limited)	0.51	Limited ~infrequent flooding (limited) ~deep to water (moderately limited)	0.80 0.53	Not limited		Moderately limited ~deep to water (moderately limited)	0.53	Very limited ~slope (very limited)	1.00
6B: Bucklick-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Moderately limited ~seepage (moderately limited) ~slope (moderately limited)	0.45 0.31
6C: Bucklick-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Very limited ~slope (very limited) ~seepage (moderately limited)	1.00 0.45

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
6D: Bucklick-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Very limited ~slope (very limited) ~seepage (moderately limited)	1.00  0.45
6E: Bucklick-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Very limited ~slope (very limited) ~seepage (moderately limited)	1.00  0.45
6F: Bucklick-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Very limited ~slope (very limited) ~seepage (moderately limited)	1.00  0.45
Gatewood-----	Slightly limited ~depth to bedrock (slightly limited) ~droughty (slightly limited)	0.30  0.17	Limited ~infrequent flooding (limited)	0.80	Slightly limited ~droughty (slightly limited)	0.17	Not limited		Very limited ~slope (very limited)	1.00
7B: Menfro-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Moderately limited ~seepage (moderately limited) ~slope (moderately limited)	0.45  0.31

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Map symbol and soil name	Upland mixed deciduous-conifer trees		Riparian herbaceous plants		Riparian shrubs, vines, and trees		Freshwater wetland plants		Irrigated freshwater wetland plants	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
7C2: Menfro-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Very limited ~slope (very limited) ~seepage (moderately limited)	1.00  0.45
7D2: Menfro-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Very limited ~slope (very limited) ~seepage (moderately limited)	1.00  0.45
7E2: Menfro-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Very limited ~slope (very limited) ~seepage (moderately limited)	1.00  0.45
7F: Menfro-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Very limited ~slope (very limited) ~seepage (moderately limited)	1.00  0.45
8B: Crider-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Moderately limited ~seepage (moderately limited) ~slope (moderately limited)	0.45  0.31

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
8C2: Crider-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Very limited ~slope (very limited) ~seepage (moderately limited)	1.00  0.45
8D2: Crider-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Very limited ~slope (very limited) ~seepage (moderately limited)	1.00  0.45
8E: Crider-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Very limited ~slope (very limited) ~seepage (moderately limited)	1.00  0.45
10F: Gasconade-----	Very limited ~shallow to bedrock (very limited) ~droughty (very limited) ~large stones (moderately limited)	1.00 1.00 0.30	Limited ~infrequent flooding (limited) ~large stones (moderately limited)	0.80 0.30	Very limited ~droughty (very limited) ~large stones (moderately limited)	1.00 0.30	Not limited		Very limited ~slope (very limited)	1.00
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
12: Bremer-----	Limited ~wetness (limited)	0.99	Limited ~infrequent flooding (limited) ~deep to water (slightly limited)	0.80	Not limited		Slightly limited ~deep to water (slightly limited)	0.30	Slightly limited ~seepage (slightly limited)	0.18
13A: Auxvasse-----	Limited ~wetness (limited)	0.99	Limited ~infrequent flooding (limited) ~deep to water (slightly limited)	0.80	Not limited		Slightly limited ~deep to water (slightly limited)	0.30	Not limited	
14C: Hobson-----	Moderately limited ~wetness (moderately limited)	0.51	Limited ~infrequent flooding (limited) ~deep to water (moderately limited)	0.80	Not limited		Moderately limited ~deep to water (moderately limited)	0.53	Very limited ~slope (very limited)	1.00
14D: Hobson-----	Moderately limited ~wetness (moderately limited)	0.51	Limited ~infrequent flooding (limited) ~deep to water (moderately limited)	0.80	Not limited		Moderately limited ~deep to water (moderately limited)	0.53	Very limited ~slope (very limited)	1.00
15: Gladden-----	Not limited		Not limited		Not limited		Not limited		Moderately limited ~seepage (moderately limited)	0.45
Midco-----	Very limited ~droughty (very limited)	1.00	Not limited		Very limited ~droughty (very limited)	1.00	Not limited		Limited ~seepage (limited)	0.79

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
16: Blake-----	Slightly limited ~wetness (slightly limited)	0.29	Very limited ~deep to water (very limited) ~infrequent flooding (limited)	1.00 0.80	Slightly limited ~deep to water (slightly limited)	0.02	Very limited ~deep to water (very limited) ~soil reaction (limited)	1.00 0.60	Limited ~soil reaction (limited) ~seepage (moderately limited) ~deep to water (slightly limited)	0.60 0.45 0.02
Waldron-----	Moderately limited ~wetness (moderately limited)	0.59	Limited ~infrequent flooding (limited) ~deep to water (moderately limited)	0.80 0.45	Not limited		Moderately limited ~deep to water (moderately limited)	0.45	Not limited	
17: Hodge-----	Slightly limited ~flooding (prolonged) (slightly limited) ~droughty (slightly limited)	0.20 0.20	Moderately limited ~too sandy (moderately limited) ~flooding (prolonged) (slightly limited)	0.50 0.20	Slightly limited ~flooding (prolonged) (slightly limited) ~droughty (slightly limited)	0.20 0.20	Moderately limited ~too sandy (moderately limited)	0.50	Very limited ~seepage (very limited) ~too sandy (moderately limited)	1.00 0.50
Blake-----	Slightly limited ~wetness (slightly limited) ~flooding (prolonged) (slightly limited)	0.29 0.20	Very limited ~deep to water (very limited) ~flooding (prolonged) (slightly limited)	1.00 0.20	Slightly limited ~flooding (prolonged) (slightly limited) ~deep to water (slightly limited)	0.20 0.02	Very limited ~deep to water (very limited) ~soil reaction (limited)	1.00 0.60	Limited ~soil reaction (limited) ~seepage (moderately limited) ~deep to water (slightly limited)	0.60 0.45 0.02
19: Haynie-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Moderately limited ~seepage (moderately limited)	0.45

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
19: (cont)										
Waldron-----	Moderately limited ~wetness (moderately limited)	0.59	Limited ~infrequent flooding (limited) ~deep to water (moderately limited)	0.80 0.45	Not limited		Moderately limited ~deep to water (moderately limited)	0.45	Not limited	
20:										
Hodge-----	Slightly limited ~droughty (slightly limited)	0.25	Very limited ~too sandy (very limited) ~infrequent flooding (limited)	1.00 0.80	Slightly limited ~droughty (slightly limited)	0.25	Very limited ~too sandy (very limited)	1.00	Very limited ~too sandy (very limited) ~seepage (very limited)	1.00 1.00
Haynie-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Moderately limited ~seepage (moderately limited)	0.45
22:										
Waldron-----	Moderately limited ~wetness (moderately limited)	0.59	Limited ~infrequent flooding (limited) ~deep to water (moderately limited)	0.80 0.45	Not limited		Moderately limited ~deep to water (moderately limited)	0.45	Not limited	
Booker-----	Very limited ~wetness (very limited)	1.00	Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Not limited	
23C2:										
Winfield-----	Slightly limited ~wetness (slightly limited)	0.22	Very limited ~deep to water (very limited) ~infrequent flooding (limited)	1.00 0.80	Slightly limited ~deep to water (slightly limited)	0.08	Very limited ~deep to water (very limited)	1.00	Very limited ~slope (very limited) ~seepage (moderately limited) ~deep to water (slightly limited)	1.00 0.45 0.08



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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
23D2: Winfield-----	Slightly limited ~wetness (slightly limited)	0.22	Very limited ~deep to water (very limited) ~infrequent flooding (limited)	1.00	Slightly limited ~deep to water (slightly limited)	0.08	Very limited ~deep to water (very limited)	1.00	Very limited ~slope (very limited) ~seepage (moderately limited) ~deep to water (slightly limited)	1.00
24E: Gateway-----	Slightly limited ~depth to bedrock (slightly limited) ~droughty (slightly limited)	0.27 0.13	Limited ~infrequent flooding (limited)	0.80	Slightly limited ~droughty (slightly limited)	0.13	Not limited		Very limited ~slope (very limited)	1.00
25E: Beemont-----	Not limited		Very limited ~deep to water (very limited) ~infrequent flooding (limited)	1.00	Very limited ~deep to water (very limited)	1.00	Very limited ~deep to water (very limited)	1.00	Very limited ~slope (very limited) ~deep to water (very limited)	1.00
29F: Menfro-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Very limited ~slope (very limited) ~seepage (moderately limited)	1.00
Bardley-----	Slightly limited ~depth to bedrock (slightly limited) ~droughty (slightly limited)	0.24 0.02	Limited ~infrequent flooding (limited)	0.80	Slightly limited ~droughty (slightly limited)	0.02	Not limited		Very limited ~slope (very limited)	1.00

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
31: Pits-----	Not rated		Not rated		Not rated		Not rated		Not rated	
Udorthents----	Not Rated		Not Rated		Not Rated		Not Rated		Not Rated	
							Not Rated		Not Rated	
									Not Rated	
32: Pits-----	Not rated		Not rated		Not rated		Not rated		Not rated	
36F: Bardley-----	Slightly limited ~droughty (slightly limited) ~depth to bedrock (slightly limited)	0.30  0.06	Limited ~infrequent flooding (limited)	0.80	Slightly limited ~droughty (slightly limited)	0.30	Not limited		Very limited ~slope (very limited)	1.00
38A: Haymond-----	Not limited		Not limited		Not limited		Not limited		Moderately limited ~seepage (moderately limited)	0.45
Riverwash-----	Not rated		Not rated		Not rated		Not rated		Not rated	
39: Haymond-----	Not limited		Moderately limited ~infrequent flooding (moderately limited)	0.50	Not limited		Not limited		Not Rated Not Rated ~seepage (moderately limited)	0.45

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
40A: Racoon-----	Very limited ~wetness (very limited)	1.00	Moderately limited ~infrequent flooding (moderately limited)	0.50	Not limited		Not limited		Not limited	
43: Cedargap-----	Not limited		Not limited		Not limited		Not limited		Limited ~seepage (limited)	0.79
44: Gladden-----	Not limited		Moderately limited ~infrequent flooding (moderately limited)	0.50	Not limited		Not limited		Moderately limited ~seepage (moderately limited)	0.45
45: Pope-----	Not limited		Moderately limited ~infrequent flooding (moderately limited)	0.50	Not limited		Not limited		Moderately limited ~seepage (moderately limited)	0.45
46F: Lily-----	Slightly limited ~depth to bedrock (slightly limited)	0.27	Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Very limited ~slope (very limited)	1.00
Holstein-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Very limited ~slope (very limited) ~seepage (moderately limited)	1.00 0.45
Ramsey-----	Very limited ~shallow to bedrock (very limited) ~droughty (very limited)	1.00 1.00	Limited ~infrequent flooding (limited)	0.80	Very limited ~droughty (very limited)	1.00	Not limited		Very limited ~slope (very limited)	1.00

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
47D: Hobson-----	Moderately limited ~wetness (moderately limited)	0.51	Limited ~infrequent flooding (limited) ~deep to water (moderately limited)	0.80 0.53	Not limited		Moderately limited ~deep to water (moderately limited)	0.53	Very limited ~slope (very limited)	1.00
Lily-----	Slightly limited ~depth to bedrock (slightly limited)	0.30	Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Very limited ~slope (very limited)	1.00
Ramsey-----	Very limited ~shallow to bedrock (very limited) ~droughty (very limited)	1.00 1.00	Limited ~infrequent flooding (limited)	0.80	Very limited ~droughty (very limited)	1.00	Not limited		Very limited ~slope (very limited)	1.00
AED: Orthent-----	Not rated		Not rated		Not rated		Not rated		Not rated	
M-W: Water-----	Not rated		Not rated		Not rated		Not rated		Not rated	
W: Water-----	Not rated		Not rated		Not rated		Not rated		Not rated	